

9/29/03

Sheet 1 of 1

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY DOCKET NO.	SERIAL NO.
	HSJ920030156US1	Unassigned
	APPLICANT	
	Nicholas I. Buchan et al.	
FILING DATE		GROUP
Herewith		Unassigned

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,589,952	05/20/1986	Behringer et al.	156	628	
	AB	4,634,495	01/06/1987	Gobrecht et al.	156	643	
	AC	4,698,708	10/06/1987	Lazzari	360	103	
	AD	4,809,103	02/28/1989	Lazzari	360	103	
	AE	6,117,283	09/12/2000	Chen et al.	204	192.23	
	AF	6,445,542	09/03/2002	Levi et al.	360	236.5	
	AG	6,532,134	03/11/2003	Chen et al.	360	235.2	
	AH	6,556,380	04/29/2003	Bunch et al.	360	235.1	
	AI						
	AJ						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUBCLASS	TRANSLATION YES NO
	AK	JP52050711	04/23/1977	JP	Hitachi Ltd.			
	AL	JP62003476	01/09/1987	JP	Nippon Telegr			
	AM	JP11144212	05/28/1999	JP	Sharp Corp			
	AN							
	AO							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP		IBM Technical Disclosure Bulletin, Dec. 1982, "Sliders for Magnetic Heads of Surface Hardened Silicon with Integrated Electronic Components."
	AQ		IBM Technical Disclosure Bulletin, Feb. 1984, "Silicon Magnetic Slider with Sapphire Rails."
	AR		IBM Technical Disclosure Bulletin, June 1995, "Batch-Produced Sliders with Tapers and Processes for their Fabrication."
	AS		IEEE Transactions on Magnetics, Vol 34, No. 4, July 1998, "A New Sub-Femto Slider for Mass Production Planar Silicon Heads" by J.P. Lazzari, C. Pisella and L. Tosi

EXAMINER	DATE CONSIDERED
	9/29/03
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	